

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51866-037](#)

For any questions, you can email us directly:

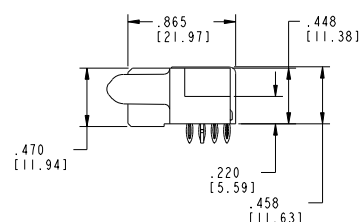
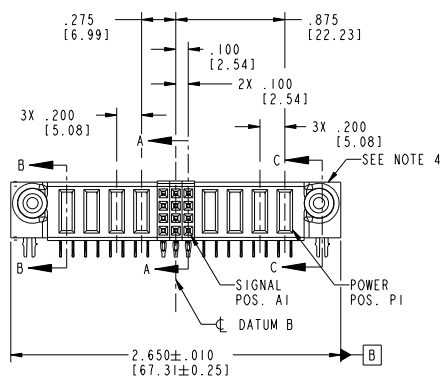
sales@integrated-circuit.com

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PRODUCT NO.	ROWS	POWER				SIG		POWER				E1	
		E2	P8	P7	P6	P5	1	2	P4	P3	P2		P1
51866-037 Note: ③	D C B A		PF	PF	PF	PF	SR PR SR PR	SR PR SR PR	PF	PF	PF	PF	
							SR PR SR PR	SR PR SR PR					



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	.092 [2.34]	POWER
PE	.042 [1.07]	POWER
S	N/A [N/A]	SIGNAL
R	N/A [N/A]	SIGNAL
P	N/A [N/A]	SIGNAL
N	N/A [N/A]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified	
lfr	ecn no.	dr	date	linear	$XX + 0.10 / 0.10 \pm 0.3$		
A	D605-0268	SLUD	8/5/05		$XXX + 0.05 / 0.10 \pm 0.13$		
B	D608-0229	SH	08/22/08		$XXXX 0.020 / 0.10 \pm 0.051$		
					$\phi \pm \frac{1}{2}$		
				angles			
				dr	SLUD	8/5/05	
				enrg	SLUD	08/05/05	
				chr	VICTOR L IN	8/5/05	
				appd	JOSEPH HSIA	8/5/05	
sheet			B	B	B		
index	sheet	1	2	3	4		

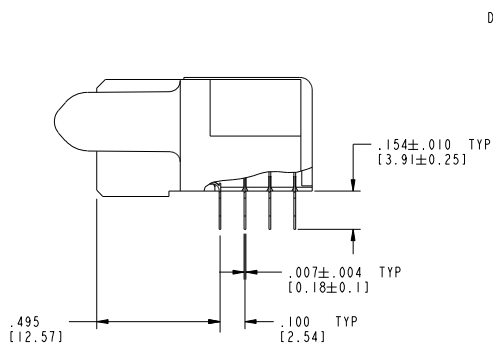
CUSTOMER COPY		www.fciconnect.com	
projection 	title 4P + 12S + 4P R/A PF RECEPTACLE		
	product family PwrBlade	code 213	
scale 1 : 1	size dwg no. A 51866-037	sheet 1 of 4	

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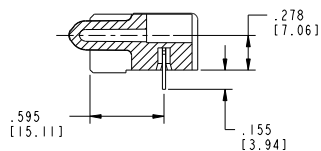


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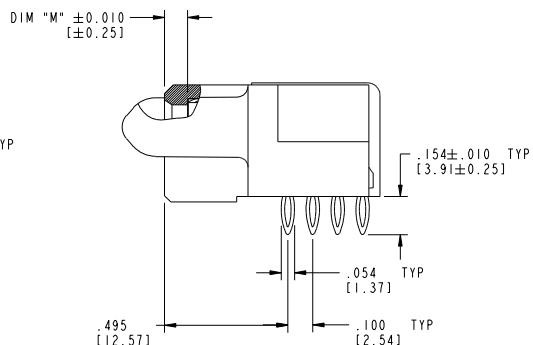
PRODUCT NUMBER
51866-037--
Note: ③



BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear		XX±.01/0.XX±0.3		COPY		title	4P + 12S + 4P		
B				angles		XXX±.005/0.XX±0.13		projection		R/A PF RECEPTACLE			
				dr	SLU0	8/5/05		INCH/MM		product family	PwrBlade	code	213
				engr	SLU0	08/05/05		scale	1:1	size	dwg no	2 of 4	sheet
				chr	VICTOR LIN	8/5/05				A	51866-037		2
				appd	JOSEPH HSTA	8/5/05							4
sheet index	revision sheet												

Pro/E

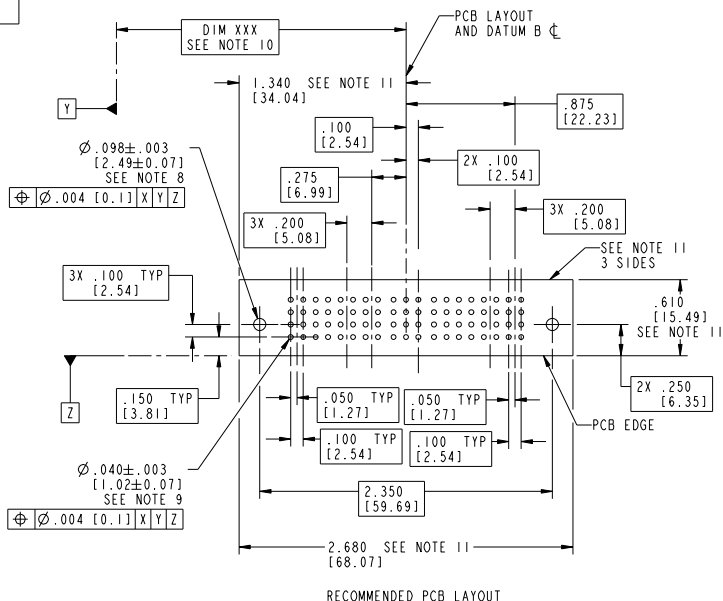
cage code 22526

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PRODUCT NUMBER
51866-037--
Note: (3)



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	angular	linear	angular	COPY	projection	title	www.fciconnect.com
B						$.XX \pm .01/0.X \pm 0.3$				4P + 12S + 4P	
						$.XXX \pm .005/0.XX \pm 0.13$				R/A PF RECEPTACLE	
						$.XXX \pm .002/0.XX \pm 0.051$				product family	PwrBlade
						$0 \pm .0$				size	213
										dwg no	51866-037
										scale	3 of 4
										code	
										code code	22526

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PRODUCT NUMBER
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Note: (3)

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51866-037 AND 51866-037LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.

4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9. $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

12. USE FCI CAM TOOL 430140-XXX
TO APPLY CONNECTOR TO PCB.

13. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,
OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT
DRAWING VERSION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	projection	linear	projection	COPY	title	product family	code
B						$.XX \pm .01/0.X \pm 0.3$			4P + 12S + 4P	PwrBlade	213
						$.XXX \pm .005/0.XX \pm 0.13$			R/A PF RECEPTACLE		sheet
						$.XXX \pm .0020/0.XX \pm 0.051$					4 of 4
				angles		$0^\circ \pm 2^\circ$					
				dr	SLU0	8/5/05					
				engr	SLU0	08/05/05					
				chr	VICTOR LIN	8/5/05					
				appd	JOSEPH HSIA	8/5/05					
sheet index	revision sheet										

Pro/E

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